

****11/4/03 DRAFT****

**Fire Regime Condition Class (FRCC) Interagency Handbook
Reference Conditions**

Modeler: Kelly Pohl

Date: 9/3/03

PNVG Code: MCAN

Potential Natural Vegetation Group: Mixed Conifer

Geographic Area: Southwest

Description: Generally found in upper montane zone on steep to gentle slopes, predominantly on mesic, north-facing slopes. *Pseudotsuga menziesii*, *Pinus* spp., *Abies concolor*, *Juniperus* spp., and *Quercus gambelli* are present.

Fire Regime Description: Fire regime group I. Includes frequent surface and mixed-intensity fires (MFIs range from 3-20 years) with occasional replacement fires. Fires create large openings and mosaics of age structures.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	10	Openings with grass, shrub, and forbs created after replacement fire. May have dense <i>Quercus gambelli</i> shrubs and seedlings of a variety of conifer species.
B: mid-development closed	5	>30% canopy cover of sapling or pole conifer species, mostly <i>Pseudotsuga menziesii</i> or <i>Abies concolor</i> .
C: mid- open	20	<30% canopy cover of sapling or pole <i>Pinus</i> spp. with some <i>Juniperus</i> spp. and <i>Quercus gambelli</i> .
D: late- open	60	<30% canopy cover of mature <i>Pinus ponderosa</i> with <i>Pseudotsuga menziesii</i> , <i>Abies concolor</i> , <i>Juniperus</i> spp, and <i>Quercus gambelii</i> .
E: late- closed	5	>30% canopy cover of mature conifers species, including <i>Pseudotsuga menziesii</i> , <i>Pinus</i> spp., <i>Abies concolor</i> , and <i>Juniperus</i> .
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Percent , All	Description
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Fires			
Replacement Fire	.005	5	Occasional stand-replacement fires, mostly in B and E.
Non-Replacement Fire	.095	95	Frequent (about 10 year MFI) surface fires in C and D. Occasional mosaic fires in all types. Surface fires generally maintain open types and decrease density in closed types.
All Fire Frequency*	.100	100	

*Sum of replacement fire and non-replacement fire probabilities.

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VDDT Results (*Note: Some PrtScn's may be missing below)



